



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

July 21, 1982

Mr. John Hardaway
Manager, Regulatory Affairs
Tosco Corporation
P. O. Box 441464
Aurora, Colorado 80014-1439

RE: Sand Wash Development
Project Bond
ACT/047/001
Uintah County, Utah

Dear John:

The Division has reviewed the July 15, 1982 submission for a bond which covers the initial phase of surface facility development. While the categories of the reclamation bond were appropriate, the unit costs within required minor adjustments to reflect the current bond estimates the Division is utilizing.

It is essential that you contact Sally Kefer prior to 8:30 a.m., Monday July 26, 1982. The Executive Session for the Board of Oil, Gas and Mining will begin at this time. A discussion on final approval for this phase of the project will be held. While it is not essential that the bond form be filled out and "finalized" with the Division of State Lands & Forestry, it is imperative that we have a final bond estimate to present to the Board with assurance that the bond will be finalized shortly thereafter.

If you do have questions on the newly calculated total, please call either Sally Kefer or Pam Grubaugh-Littig (Reclamation Engineer) as soon as possible.

Sincerely,

RONALD W. DANIELS
DEPUTY DIRECTOR

Enclosure

cc: John Blake, State Lands

RWD/SK:btb

Board/Charles R. Henderson, Chairman • John L. Bell • E. Steele McIntyre • Edward T. Beck
Robert P. Norman • Margaret R. Bird • Herm Olsen

one to each of the following: please see below

The costs for the bond have been re-estimated as follows:

1. Soil Redistribution - \$15,356

The topsoil is spread at a six inch depth. The cost (Utah Department of Transportation [UDOT] costs) for the topsoil redistribution is \$1.90 per cubic yard for 10 acres.

$$8,082 \text{ cu yds} \times \$1.90/\text{cu yd} = \$15,356$$

2. Regrading Costs - \$59,000

The cost for regrading did not include the removal of foundations for the mine facilities. The amount of concrete removed was calculated from Table 3.2-1 at \$30 per cubic yard.

$$290 \text{ cu yds} \times \$30/\text{cu yd} \text{ (UDOT costs)} = \$8,700$$
$$\text{Regrading cost} = \$50,300$$

3. Pond Equipment Removal - \$10,000

4. Revegetation - \$43,000

$$\text{Seed, 10 ac @ 20 lbs/ac @ \$40/lb} = \$8,000$$

$$\text{Transplants, 10 ac @ 1,750 plants/ac @ \$2/plant} = \$35,000$$

5. Irrigation Cost - \$2,000

6. Removal of Fence and Trailer Office - \$2,820

$$\$1/\text{ft} \text{ (UDOT costs) for removal of fence} = \$2,520$$
$$\text{Trailer removal} = \$300$$

SUBTOTAL	\$132,176
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Administrative Costs @ 10%	<u>13,218</u>
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TOTAL	\$145,394
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